

(43) International Publication Date 30 August 2001 (30.08.2001)

PCT

English

(10) International Publication Number WO 01/63387 A3

(51) International Patent Classification7: G06F 1/00

(21) International Application Number: PCT/US01/05505

(22) International Filing Date: 22 February 2001 (22.02.2001)

(25) Filing Language:

English (26) Publication Language:

(30) Priority Data:

22 February 2000 (22.02.2000) 115 60/184.074 60/184.075 22 February 2000 (22,02,2000) US 60/184.079 22 February 2000 (22.02.2000) US

- (71) Applicant: VISUALGOLD.COM, INC. [US/US]: Suite 203, 1011 First Street South, Hopkins, MN 55343 (US).
- (72) Inventors: RICHARDS, Kenneth, W.: 7311 15th Avenue South, Richfield, MN 55423 (US), MURRAY, Arnold, E.; 10975 Stacy Trail, Chisago City, MN 55013 (US).
- (81) Designated States (national): AE. AG. AL, AM, AT. AT (utility model), AU. AZ. BA. BB, BG, BR, BY, BZ. CA. CH. CN. CR. CU. CZ. CZ (utility model), DE, DE (utility model), DK, DK (utility model), DM, DZ, EE, EE (utility model), ES, FI, FI (utility model), GB, GD, GE, GH, GM, HR, HU, ID. IL, IN. IS. JP, KE, KG, KP, KR, KZ, LC, LK. LR. LS. LT. LU, LV. MA, MD, MG, MK, MN, MW. MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SK (utility model), SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW.
- (84) Designated States (regional): ARIPO patent (GH. GM. KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW), Eurasian patent (AM. AZ. BY. KG. KZ. MD. RU, TJ. TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR), OAPI patent (BF, BJ, CF, CG. CI, CM. GA, GN, GW. ML, MR, NE, SN, TD, TG).

Published:

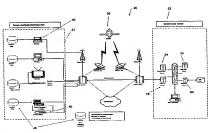
with international search report

(88) Date of publication of the international search report: 28 February 2002

[Continued on next page]

(74) Agent: BRUESS, Steven, C.: Merchant & Gould P.C., P.O. Box 2903, Minneapolis, MN 55402-0903 (US).

(54) Title: SECURE DISTRIBUTING SERVICES NETWORK SYSTEM AND METHOD THEREOF



(57) Abstract: A persistent data control system and method of securely distributing data on a network includes the steps of providing an encoded file of a single file type having a plurality of file control fields, the file having at least one data type, and incorporating at least one encoded use right and/or access right into one of the control fields of the at least one data type. The persistent data control method is performed at an application level, and is capable of being embedded in an application which originates the at least one data type or called by an application. The persistent data control method further comprises the steps of decoding the plurality of file control fields including the file control fields for the encoded use right and/or access right, decoding the at least one data type in accordance with the access right, and rendering the decoded data type in accordance with the decoded use and access right.

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

INTERNATIONAL SEARCH REPORT

tional Application No PC1/US 01/05505

Relevant to claim No

1-20

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 GOGF 1/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

n searched (classification system followed by classification symbols) IPC 7 GOGF

Category * Citation of document, with indication, where appropriate, of the relevant passages

US 5 765 152 A (ERICKSON JOHN S)

column 10, line 40 -column 27, line 24

9 June 1998 (1998-06-09)

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

abstract

figures 1.1A

X Further documents are listed in the continuation of box C.

Y	EP 0 778 512 A (SUN MICROSYSTEMS INC) 11 June 1997 (1997-06-11) abstract column 6, line 27 -column 13, line 57 figures 1-6	1-20
Y	EP 0 715 247 A (XEROX CORP) 5 June 1996 (1996-06-05) abstract page 3, line 44 -page 7, line 22	1-20
	figures 5-10	

Special categories of oited documents: *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory, underlying the *A* document defining the general state of the art which is not considered to be of particular relevance invention "E" earlier document but published on or after the international *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to titing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) involve an inventive step when the document is taken alone 'Y' document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is considered to involve an inventive state when the documents, such combination being obvious to a person skilled *O* document referring to an oral disclosure, use, exhibition or other means *P* document published prior to the international filing date but later than the priority date claimed *&* document member of the same patent family Date of the actual completion of the international search Date of mailing of the international search report 21 November 2001 04/12/2001 Name and mailing address of the ISA Authorized officer European Patent Office, P.B. 5818 Patenttaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,

-/--

Fax: (+31-70) 340-3016 Form PCT/ISA/210 (second sheet) (July 1992)

1

Jacobs, P

Patent family members are listed in annex.

INTERNATIONAL SEARCH REPORT

Intr tional Application No PC I / US 01/05505

Cotegory* Cibation of document, with indication, where appropriate, of the relevant passages A US 5 883 955 A (RONNING JOEL A) 16 March 1999 (1999–03–16) abstract column 3, line 22 -column 6, line 11 figure 4A
A US 5 883 955 A (RONNING JOEL A) 1-20 16 March 1999 (1999-03-16)

Form PCT/ISA/210 (continuation of second sheet) (July 1992)

INTERNATIONAL SEARCH REPORT

oformation on patent family members

PCI/US 01/05505

						,	
Patent document cited in search report		Publication date	Patent family member(s)			Publication date	
EP 0778512	A	11-06-1997	US EP JP	5708709 0778512 9288575	A2	13-01-1998 11-06-1997 04-11-1997	
EP 0715247	A	05-06-1996	EP JP US US US	0715247 8263438 2001023417 2001010045 2001014882 6236971	A A1 A1 A1	05-06-1996 11-10-1996 20-09-2001 26-07-2001 16-08-2001 22-05-2001	
US 5765152	A	09-06-1998	AU WO	7662496 9714087		30-04-1997 17-04-1997	
US 5883955	Α	16-03-1999	NONE				

Form PCT/ISA/210 (patent family annex) (July 1992)